

Deepcel Plus DPA2G9LP3FT

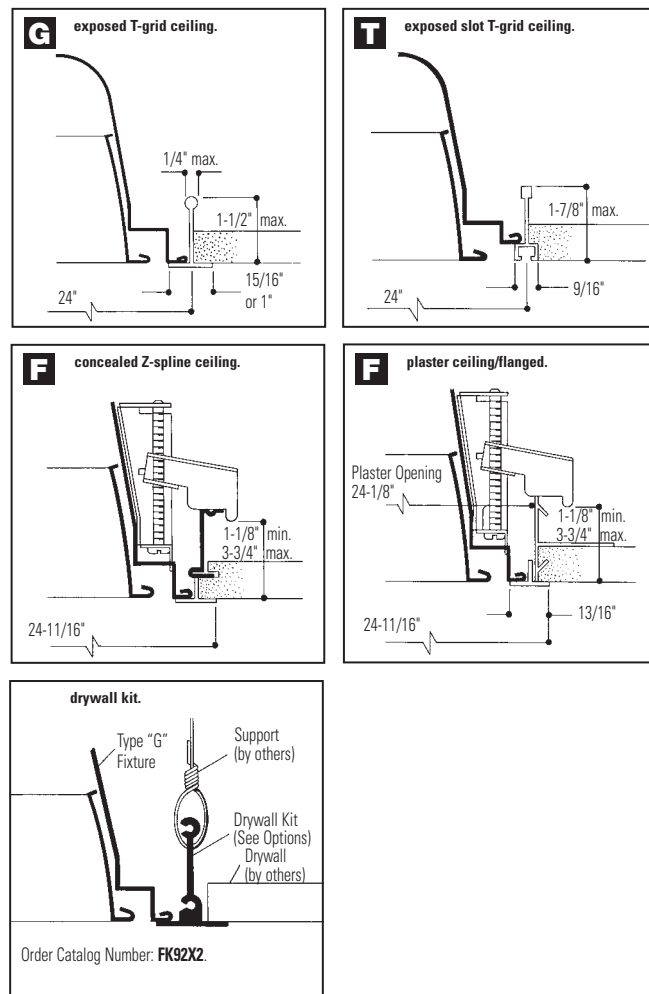
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2' x 2' Recessed Fluorescent, 3", 9 Cell Parabolic Louver
Static or Air Supply/Return, 3 Lamp Twin Tube T5

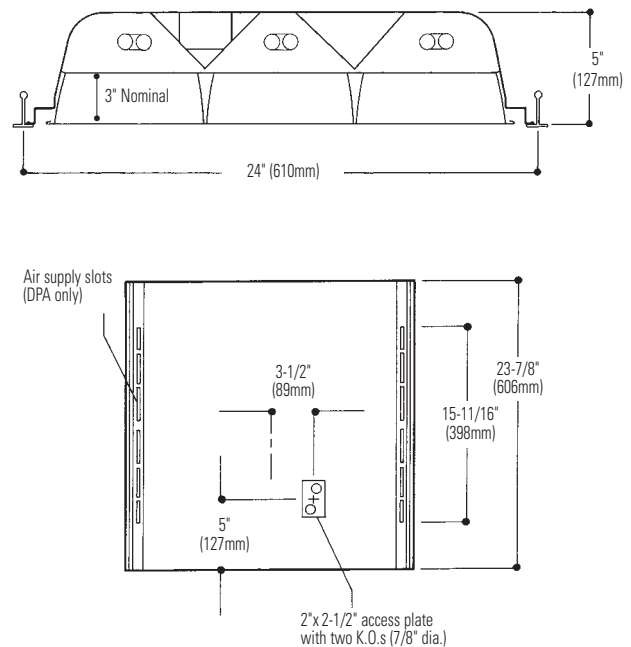
- 5" deep body.
- Individual lamp compartments.
- 72.0% efficient.
- Clean contoured interior.
- Eyeleted heat removal vents in fixture ends.
- One piece housing.
- Black exterior for cooler ballast operating temperature.
- Hemmed over side rails for safe handling.
- Fixture ends turned-in for safe handling.
- Built-in earthquake clips (patent no. 5,072,344).
- Pre-anodized aluminum parabolic louver.
- Vertical grain louver eliminates reflected lamp images on cross baffle.
- Spring loaded latches.
- 18 gauge steel hinges.
- Louver frame with integral positive light stop.
- Louver has protective film dust guard.
- Construction to meet NYC Code or Chicago Plenum requirements is available.



Mounting Methods



Dimensions



Job Information

Type:

Job Name:

Cat. No.:

Lamp(s):

Volts/Ballast:

Lightolier a Genlyte company

www.lightolier.com

Technical Information: (978) 657-7600 • Fax (978) 658-0595

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710

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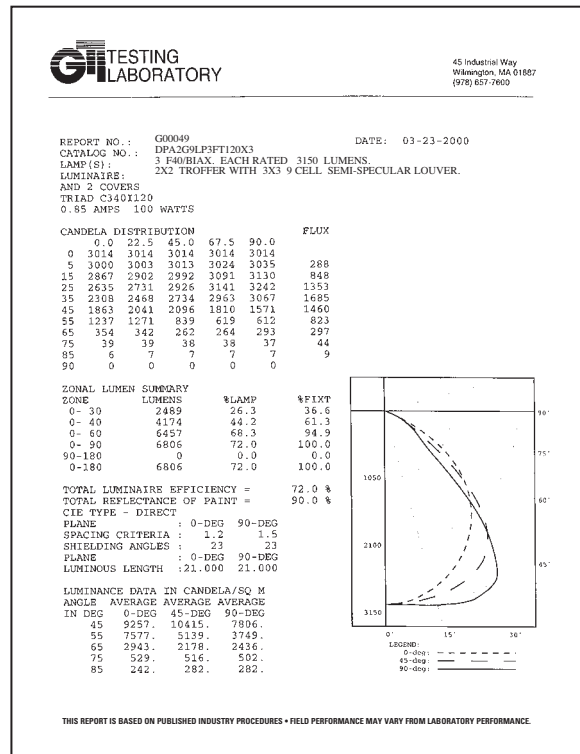
2' x 2' Recessed Fluorescent, 3", 9 Cell Parabolic Louver Static or Air/Return, 3 Lamp Twin Tube T5

Photometry

Model No. DPA2G9LP3FT120X3

LER = FP - 59.9 IW - 100 BF - 0.88

Comparative yearly lighting energy cost per 1000 lumens = \$4.00



coefficients of utilization — zonal cavity method

RF	20	20	20
RC	80	50	30
RW	70	50	30
1	80	78	75
2	75	70	66
3	69	63	58
4	64	57	51
5	59	51	46
6	55	47	41
7	51	43	37
8	48	39	33
9	45	36	30
10	42	33	28

visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

room size	ceiling height	ceiling height	ceiling height	ceiling height
W	L	8.5	10.0	13.0
20	20	62	55	49
20	30	65	59	50
20	40	68	62	55
20	60	70	64	58
30	20	68	61	53
30	30	70	64	54
30	40	73	66	58
30	60	74	68	61
30	80	76	70	63
40	20	71	66	58
40	30	73	67	58
40	40	75	69	62
40	60	77	71	64
40	80	78	73	66
40	100	79	74	68
60	30	75	70	62
60	40	77	72	65
60	60	78	73	67
60	80	79	75	69
60	100	80	76	71
100	40	78	73	68
100	60	79	75	70
100	80	80	76	72
100	100	81	78	73

Ordering Information

Explanation of Catalog Number. Example: DPA2G9LP3FT120X3CP

Deepcel Plus 3" Parabolic: Pre-anodized aluminum louver	Body Style: A=Air Supply S=Static	2 Fixture Width	9 Ceiling Type: G= Grid (lay-in T bar) F= Flanged (over lap) Z spline and plaster frame T= Slot grid or two-directional concealed T (see options)	L Number of Cells: 9-3 rows of 3	Louver Finish: L = Low iridescence Semi-specular (standard) P = Low iridescence Specular W = White Baked Enamel	P Dual "V" Reflectors	3 Lamp Quantity	FT Lamp Type/ Fixture Length: Twin Tube T5 (Nominal 24") Note: For Linear T5 Lamp option, consult factory	Voltage: 120, 277 or UNV=120-277	Ballast Type: <20THD <10THD SB * IB * 1 & 2 Lamp Elec. TT5 (40-watt) X3 * I3 * 1-3 Lamp Elec. TT5 (40-watt) PB - LOL TT5 Dimming *Instant Start Standard Other dimming options. Consult factory. NOTE: For TT5 UNV, you must use IB, I3 Ballast Code.	Options: Add appropriate suffix to catalog no., ie: (CP)
DP Standard Deepcel											
DY For NYC Code — I.B.E.W. Manufactured											
ND For NYC Code — Local 3 Manufactured 5 1/2" Deep Body											

Options/Accessories

Plaster Frame: Catalog Number: PF22

Continuous Row Installation: For F type fixtures, half width flanges are required between fixtures. Order Catalog Number: 2FC TRIM CSP (each joint).

Radio Interference Filter: To order one RIF per fixture; SUFFIX: R. To order one RIF per ballast; SUFFIX: B.

Electrical Wiring Options: Consult factory.

Air Closure Strip: SUFFIX: ACS2 (factory installed).

Drywall Kit: Order Catalog Number: FK92X2. (Request Folio OA30-10 Rev. A).

Chicago Plenum: SUFFIX: CP.

Specifications

Performance: In an installation of 3 lamp 40W luminaires in a room cavity ratio of 1, reflectance 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .78. To prevent glare the VCP shall be not less than 58 either lengthwise or crosswise (at 100fc level) and the average brightness at 65° shall not exceed 2943 candelas per square meter. To control veiling reflections, luminaire output in the 30°-90° zone shall not be less than 63.4%.

Air Handling (DPA only) side air passages for air supply or air return. Supply air is discharged vertically. Optional side closure strips. Air return is also provided through the lamp compartment through fixture body ends.

Materials: Chassis parts are die-formed code gauge cold rolled steel. Housing is ribbed for rigidity with side rails hemmed over and housing ends turned-in for safe handling. Louver is pre-anodized aluminum (Coilzak® or equal).

Specifications (continued)

Finish: Chassis exterior—black baked polyester enamel. Cavity—white baked polyester enamel minimum 86% reflectance. Phosphate undercoating. Louver—low iridescence semi-specular anodized vertical grain aluminum reflector sheet is standard.

Electrical: Thermally protected class "P" ballast C.B.M. approved, non PCB. If K.O. is with-in 3" of ballast, use wire suitable for at least 90°.

Labels: I.B.E.W. UL and ULc Listed.

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